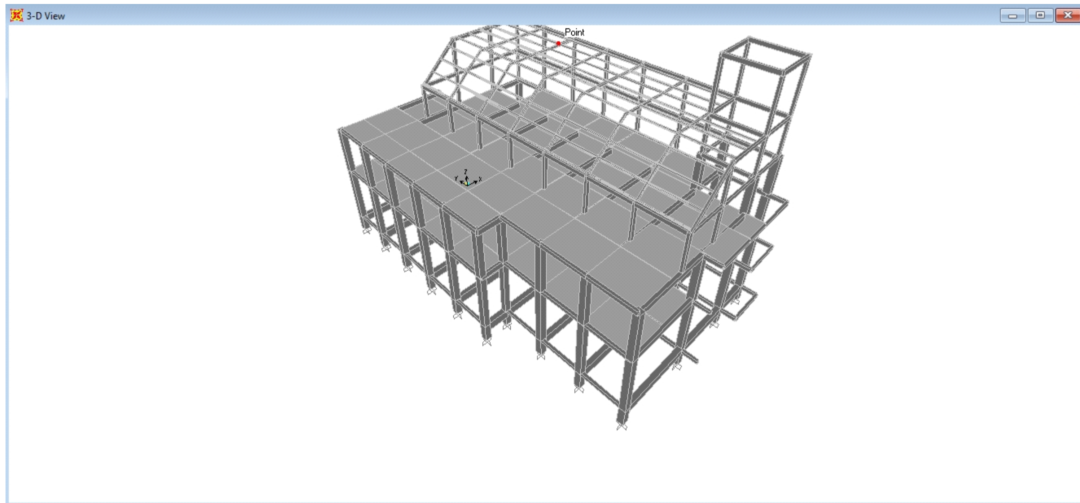
BAB XIV

ANALISA PEMODELAN STRUKTUR KUDA-KUDA ATAP

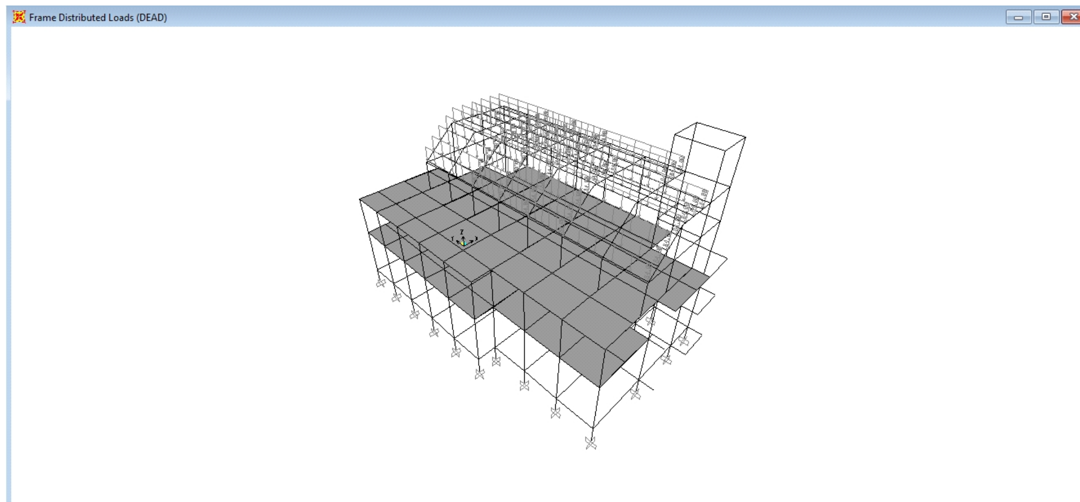
14 Pemodelan Struktur

14.1 Pemodelan 3D SAP 2000

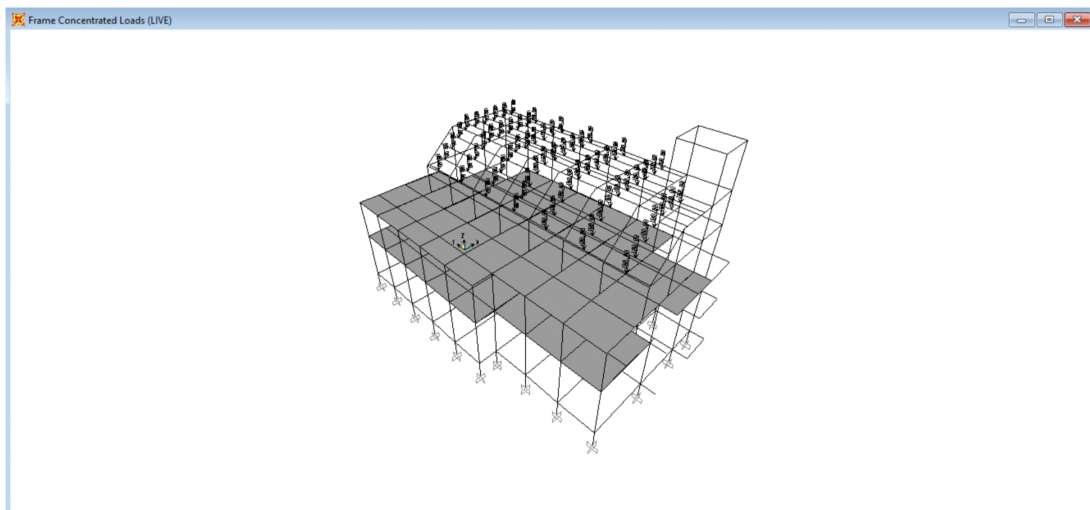


14.2 Pembebanan Struktur

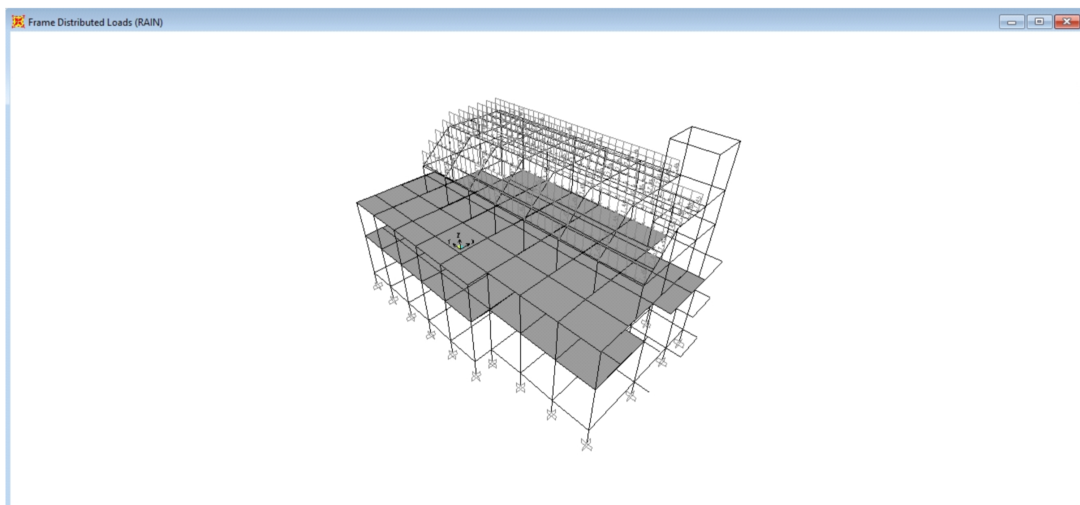
- **Beban Mati**



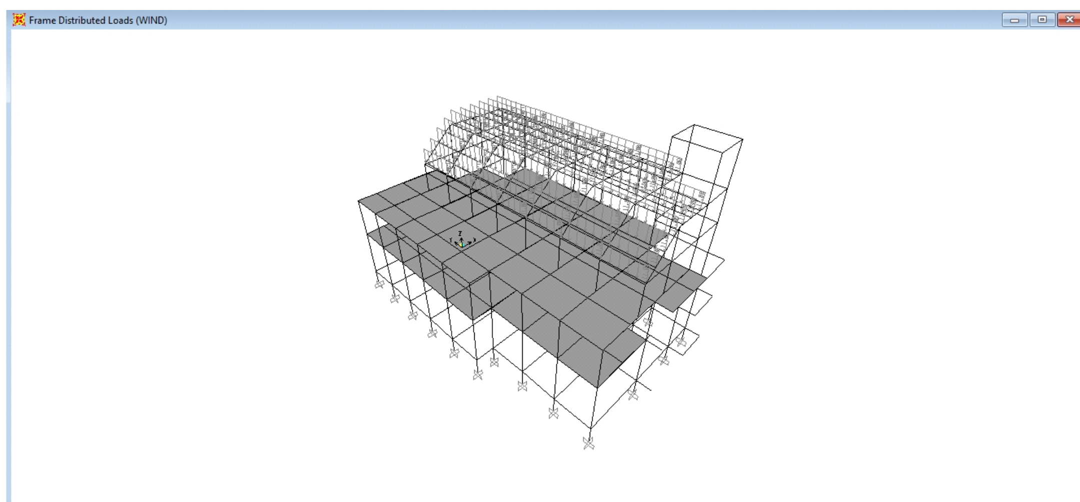
- **Beban Hidup**



- **Beban Hujan**



- **Beban Hujan**

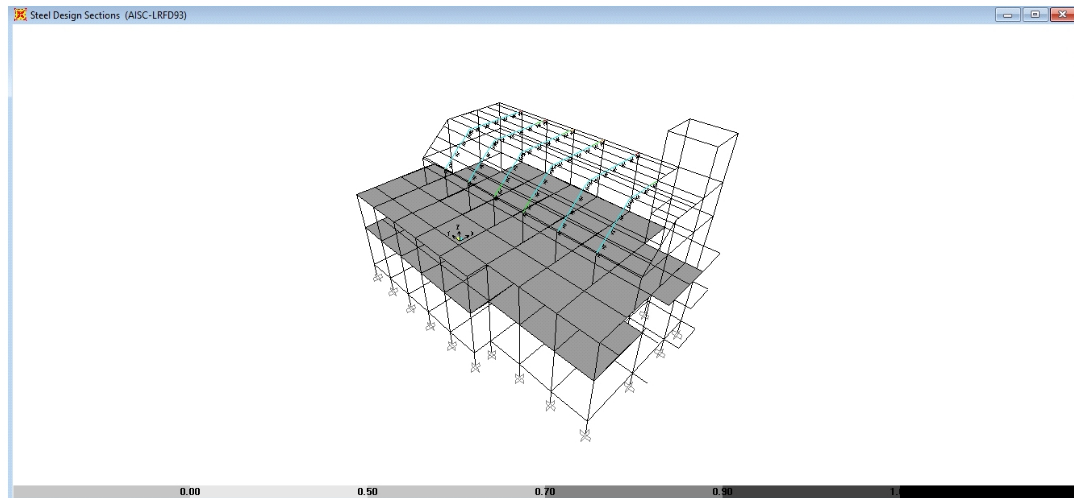


- **Kombinasi pembebanan**

    1. 1.4 Pd
    2. 1.2 Pd + 1.6 PL + 1.3 Pw
    3. 1.2 Pd + 1.6 Ph + 1.3 Pw
    4. ENVE : diambil yang terbesar dari ke 3 kombinasi di atas

14.3 Kontrol Tegangan Elemen Rangka Baja (SAP 2000)

- **Deformed shape akibat kombinasi SERVICE LOAD**



Dari hasil check rasio kekuatan terbesar 0,580 < 1 sehingga profil yang dipakai masih memenuhi.

Untuk data hasil check akan dilampirkan.